

19. (Amended) A process for photo-fabricating a three-dimensional object
comprising:
B² selectively curing a photo-curable resin according to claim 1.

Please add new claims 21-32.

21. (New) A three-dimensional object formed by the process of claim 19.

22. (New) The composition of claim 1, wherein said composition comprises, relative to the total weight of the composition, 40-75 wt% of said epoxy compound.

23. (New) The composition of claim 1, wherein said composition comprises, relative to the total weight of the composition, 7-25 wt% of said combination.
B³

24. (New) The composition of claim 1, wherein said monomer derived from a pentaerythritol is derived from a dipentaerythritol.

25. (New) The composition of claim 1, wherein said monomer derived from a pentaerythritol is dipentaerythritolpenta(meth)acrylate.

26. (New) The composition of claim 1, wherein said composition comprises, relative to the total weight of the composition, 5-35 wt% of said polyether polyol.

27. (New) The composition of claim 1, wherein said composition comprises, relative to the total weight of the composition, 10-25 wt% of said polyether polyol.

28. (New) The composition of claim 1, wherein said radical photopolymerization initiator includes 1-hydroxycyclohexylphenyl ketone.

29. (New) The composition of claim 1, wherein said cationic photopolymerization initiator includes an onium salt comprising a hexafluoroantimonate anion.

30. (New) A photocurable resin composition comprising:
- (A) 30-80 wt%, relative tot the total weight of the composition, of an epoxy compound having two or more alicyclic epoxy groups;
- (B) a cationic photopolymerization initiator;
- (C) 7-25 wt%, relative tot the total weight of the composition, of a combination of
- (i) a monomer derived from a dipentaerythritol; and
- (ii) bisphenol A diglycidyl ether with terminal (meth)acrylates;
- (D) a radical photopolymerization initiator; and
- (E) 5-35 wt%, relative tot the total weight of the composition, of a polyether polyol compound having one or more hydroxyl groups in one molecule.
31. (New) A process for photo-fabricating an object comprising:
selectively curing a photo-curable resin according to claim 30.
32. (New) An object formed by the process of claim 31.

REMARKS

Upon entry of this Amendment, claims 1-2, 19, and 21-32 will be pending of which claims 1 and 30 are independent. Instant claim 1 corresponds to the formulation recited in the "Summary of the Invention" on page 7 of the specification, except that components (A) and (C) have been further defined. Support for present component (A) can be found, e.g., on page 10, lines 23-28, of the specification. Support for present component (C) can be found, e.g., on page 17, lines 29-31, of the specification in combination with page 16 lines 3-5 and 24-25. Consequently, claim 1 is fully supported by the application as filed. Support for the other amendments and new claims 21-32 can also be found throughout the application as filed and, accordingly, it is respectfully submitted that no new matter has been introduced.